AirStation™ Nfiniti™ Wireless-N High Power Router

Wireless Networking

WZR-HP-G300NH2

AirStation™
NFINITI™ Wireless-N
HighPower Router

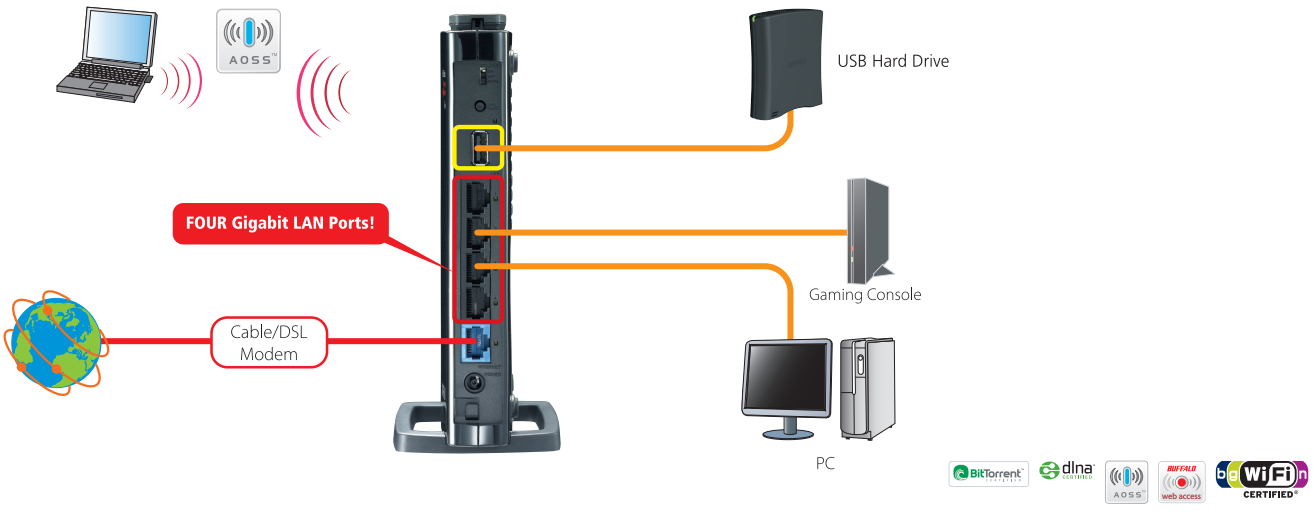
The AirStation™ Nfiniti™ Wireless-N 300Mbps High Power Router WZR-HP-G300NH2 is a good, versatile solution to connect your PCs and laptops to the Internet via your cable modem or by 3G Modem. The WZR-HP-G300NH2 is perfect for streaming multimedia content, such as HD movies or music. Gigabit Ethernet support on all ports ensures fast connections between connected cable clients. Buffalo's QoS (Quality of Service) technology adjusts priority handling of the traffic for specific applications such as VOIP or games. For media streaming there is a special function to optimise the traffic.

In addition to its superior streaming capabilities, the WZR-HP-G300NH2 includes a USB port to attach a USB hard drive. This allows the router to provide simple NAS (Network Attached Storage) services on your network for easy file sharing across all your connected devices. The WZR-HP-G300NH2 has been further improved to support 3G modems, so if no connection is available you can still connect via 3G USB modem to the Internet. Furthermore the router incorporates a built-in media server which can stream multi-media content from a connected USB storage to DLNA clients in your network.

WDS (Wireless Distribution System) feature is a solution to expand Wireless coverage in combination with other Buffalo Wireless routers. If there is a dead spot from obstructions or wide coverage required, these are easily overcome with WDS. The firmware includes Buffalo's AirStation™ One-Touch Secure System™ (AOSS™) Setup. A secure Wireless connection is easy to setup by simply pushing the AOSS button. With Wireless speeds of up to 300Mbps* and adjustable antennas, the WZR-HP-G300NH2 is the perfect solution to upgrade an existing wireless network or manage your home network.

Key Specifications

- 802.11n Wi-Fi CERTIFIED® ensures a connection with other certified devices
- Creates 802.11n, 802.11g/b Wireless Networks
- Easy Setup with AirStation One-Touch Secure System™ (AOSS™)
- Enhanced multi-level security with WPA2, WPA-PSK (AES, TKIP) and 128/64-bit WEP
- High Power Technology - better performance and coverage for home or office
- Simple Web Browser configuration
- Adjustable flip-up antennas - for greater coverage
- Built-in 4-port Gigabit Ethernet 10/100/1000 auto-sensing switch for up to 4 simultaneous wired devices
- Built-in BitTorrent Client **
- Built-In Media Server - stream multimedia from a connected USB storage device to your DNLA Certified devices on your network **
- WDS (Wireless Distribution System) expands wireless coverage with other Buffalo routers supporting WDS
- USB 3G Modem support - connect to internet via your 3G connection
- Built-in USB 2.0 port - connect USB Storage to share your files within your home network or over the Internet
- Integrated QoS Engine improves the user experience for voice, video and music applications
- Auto hibernation mode saves energy while idle
- Positioned horizontally, vertically or wall mounted



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SPECIFICATIONS

2 YEAR WARRANTY

Wireless LAN Interface

Standard Compliance	IEEE802.11n, IEEE802.11g, IEEE802.11b
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	2.412 - 2.472GHz (Channels 1-13)
Transmission Rates	IEEE802.11n: 300Mbps (40MHz band width), IEEE802.11g: 54Mbps, IEEE802.11b: 11Mbps
Antenna (TX x RX)	2x2
Access Method	CSMA/CA
Access mode	Infrastructure Mode
Security	WPA2-PSK(AES, TKIP), WPA-PSK(AES, TKIP), 128/64-bit WEP, Mac address filter

Wired LAN/WAN Interface

Standard Compliance	IEEE802.3, IEEE802.3u, IEEE802.3ab
Transmission Rate	10/100/1000Mbps
Flow Control	Auto sensing, AutoMDIX
Number of LAN Ports	4
LAN Port Connector	RJ-45
Number of WAN Ports	1
WAN port connector	RJ-45
WAN security	Dynamic Packet Filtering, Intrusion Detector, NAT/SPI Firewall

Additional Interface(s)

USB

Standard Compliance	USB 2.0
Connector Type	USB type A
Number of Ports	1

Other

Set-up Utility OS Support	Windows 7 (32/64bit), Windows® Vista™ (32/64bit), Windows® XP, Windows® 2000
Dimensions (WxDxH)	165 x 30 x 158mm
Weight	0.34Kg
Operating Environment	0-40°C, 20-80% (non-condensing)
Power Consumption	Max 14W
Power Supply	External AC 100-240V, 50/60Hz

Product Part Number

WZR-HP-G300NH2

Related products

WLI-UC-G300N – Nfiniti Wireless-N Compact USB 2.0 Adapter
WLI-UC-G300HP – Nfiniti Wireless-N High Power Compact USB 2.0 Adapter
WLU-TX4-AG300N – Nfiniti Wireless-N Dual Band Ethernet Converter
DriveStation/MiniStation external USB drives

* Maximum Wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.
** Works with USB mass storage connected what is sold separately and the user friendly firmware installed

About Buffalo

www.buffalo-technology.com

Buffalo Technology is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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